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JUN 27 1996

WATER RESOURCES DEPT.
SALEM, OREGON

Mult 51366

POR SF
11.3.31.5.1

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Label #: L01695
(START CARD) # 87135

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number
Name Port of Portland
Address PO Box 3529
City Portland State OR Zip 97208

(2) TYPE OF WORK
[X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD:
[ ] Rotary Air [ ] Rotary Mud [X] Cable [ ] Auger
[ ] Other

(4) PROPOSED USE:
[ ] Domestic [ ] Community [X] Industrial [ ] Irrigation
[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval [ ] Yes [X] No Depth of Completed Well 298 ft.
Explosives used [ ] Yes [X] No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
20	0	38	Cement	0	38	41 sks
16	38	301				

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[ ] Other
Backfill placed from ft. to ft. Material
Gravel placed from 155 ft. to 301 ft. Size of gravel: pack CSSI 8x12

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16	+3	180	.375	[X]	[ ]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:	12	155	298	.250	[X]	[ ]	[X]	[ ]

except at screen - plate bottom w/bail

Final location of shoe(s) & casing remnant: 295-301

(7) PERFORATIONS/SCREENS:
[ ] Perforations Method
[X] Screens Type V shape wire wrap Material 304 SS

From	To	Slot size	Number	Diameter	Blank pipe size	Casing	Liner
175	266	.050	cont.	12	PS	[ ]	[ ]
276	288	.050	cont.	12	PS	[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

(8) WELL TESTS: Minimum testing time is 1 hour

[X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
see attached plots			1 hr.

Temperature of water 52°F Depth Artesian Flow Found
Was a water analysis done? [X] Yes By whom CH2M Hill
Did any strata contain water not suitable for intended use? [ ] Too little
[ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other
Depth of strata:

SFI 9612

(9) LOCATION OF WELL by legal description:
County Multnomah Latitude Longitude
Township 2N N or S Range 1W E or W. WM.
Section 23 SW 1/4 of SE 1/4
Tax Lot 5 Lot Block 10 Subdivision
Street Address of Well (or nearest address) NYA - Terminal 5 Rivergate Industrial Park, N. Lombard St., Portland, OR

(10) STATIC WATER LEVEL:
23 ft. below land surface. Date 5/21/96
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 1st significant @ ~100'

From	To	Estimated Flow Rate	SWL
100+/-	288	see (8)	see (10)

(12) WELL LOG:
Ground Elevation 30 +/-

Material	From	To	SWL
see attached log			

Date started 4/3/96 Completed 5/30/96

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number 1085
Signed Donald G Davis Date 5/31/96

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 649
Signed Stephen Schmeltz Date 5/31/96

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

USEPA SF
1286485

PORT OF PORTLAND
RIVERGATE INDUSTRIAL PARK TERMINAL #5 WELL
By Schneider Drilling Co.
May 1996

Depth From	Depth To	Description
0	23	Sand, gray, medium
23	36	Clay, black, silty
36	40	Clay, black, silty w/peat
40	48	Clay, black-gray, silty
48	78	Sand-silt, black, clayey
78	95	Sand, dark gray, fine, silty
95	166	Sand, dark gray, fine-medium
166	170	Gravel, 3"- & sand, medium-coarse, gray
170	180	Gravel, 6"- & sand, medium-coarse, black
180	219	Gravel, 10"- & sand, med-coarse, black
219	220	Gravel, 10"- & clay, gray & brown
220	232	Gravel, 10"- & sand, medium-coarse, brown
232	234	Gravel, 6" & clay, brown & gray
234	243	Gravel, 4"- & sand, medium-coarse, brown
243	258	Gravel, 3"- & sand, medium-coarse, gray
258	260	Gravel, 6"- & sand, medium & trace of clay, brown
260	266	Gravel, 6"- & sand, medium, green
266	267	Gravel, 6"- & sand, medium, green & trace of clay
267	270	Gravel, 6"- & sand, medium, gray
270	273	Gravel, 3"- & sand, medium, gray, cemented
273	276	Sand, gray, med-fine, & small gravel
276	279	Gravel, 5"- & sand, medium-fine, gray
279	281	Gravel, 5"- & sand, green, some cemented
281	288	Gravel, 5"- & sand, medium, gray
288	292	Gravel, 5"- & sand, medium, gray, cemented
292	295	Gravel & clay, gray
295	301	Gravel, 6"-, cemented

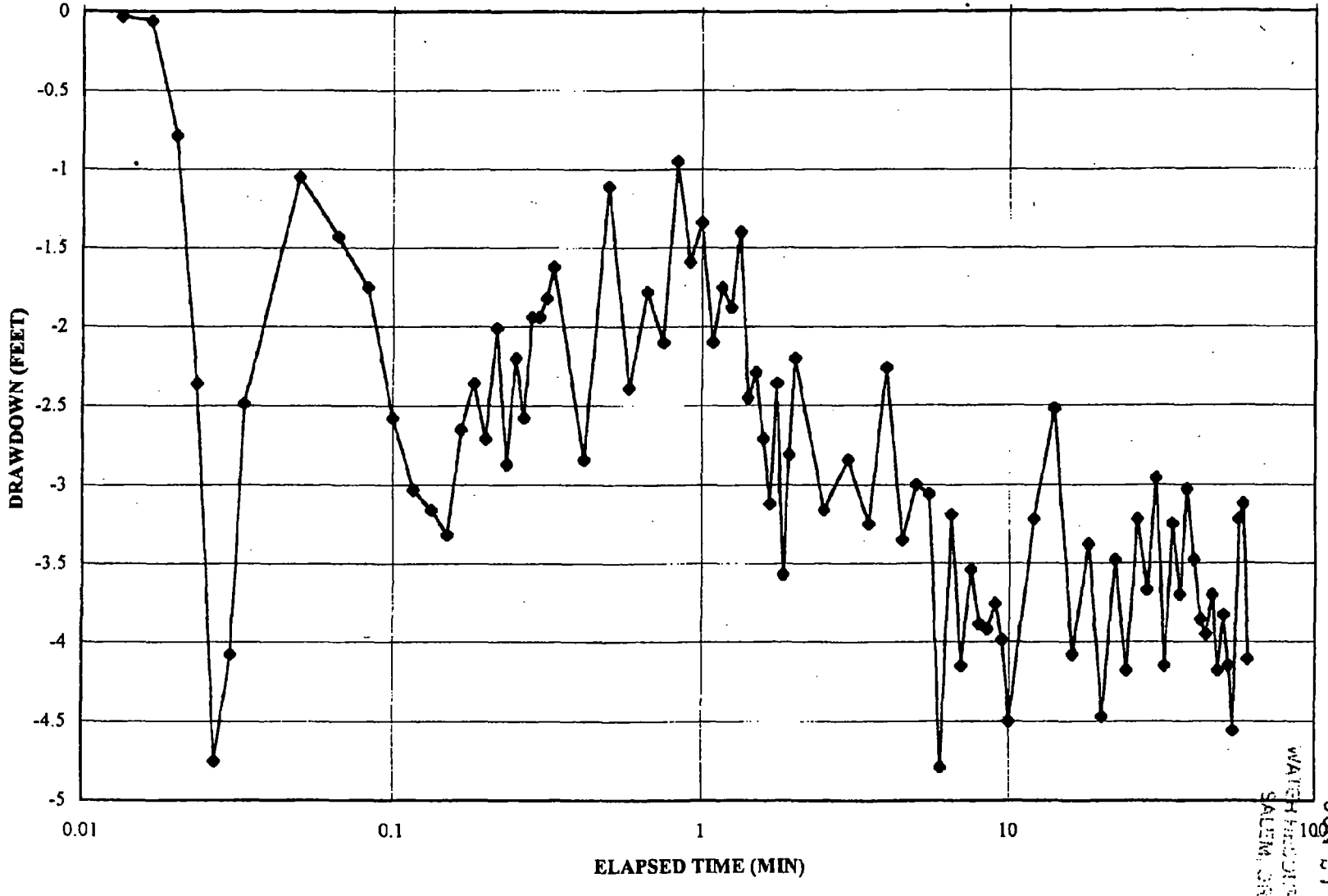
W32056.POP

CH2M Hill for Port of Portland

Rivergate T-5 Well # L01695

5/20/96 Step 1 - 1030 GPM

By SCHNEIDER DRILLING CO.

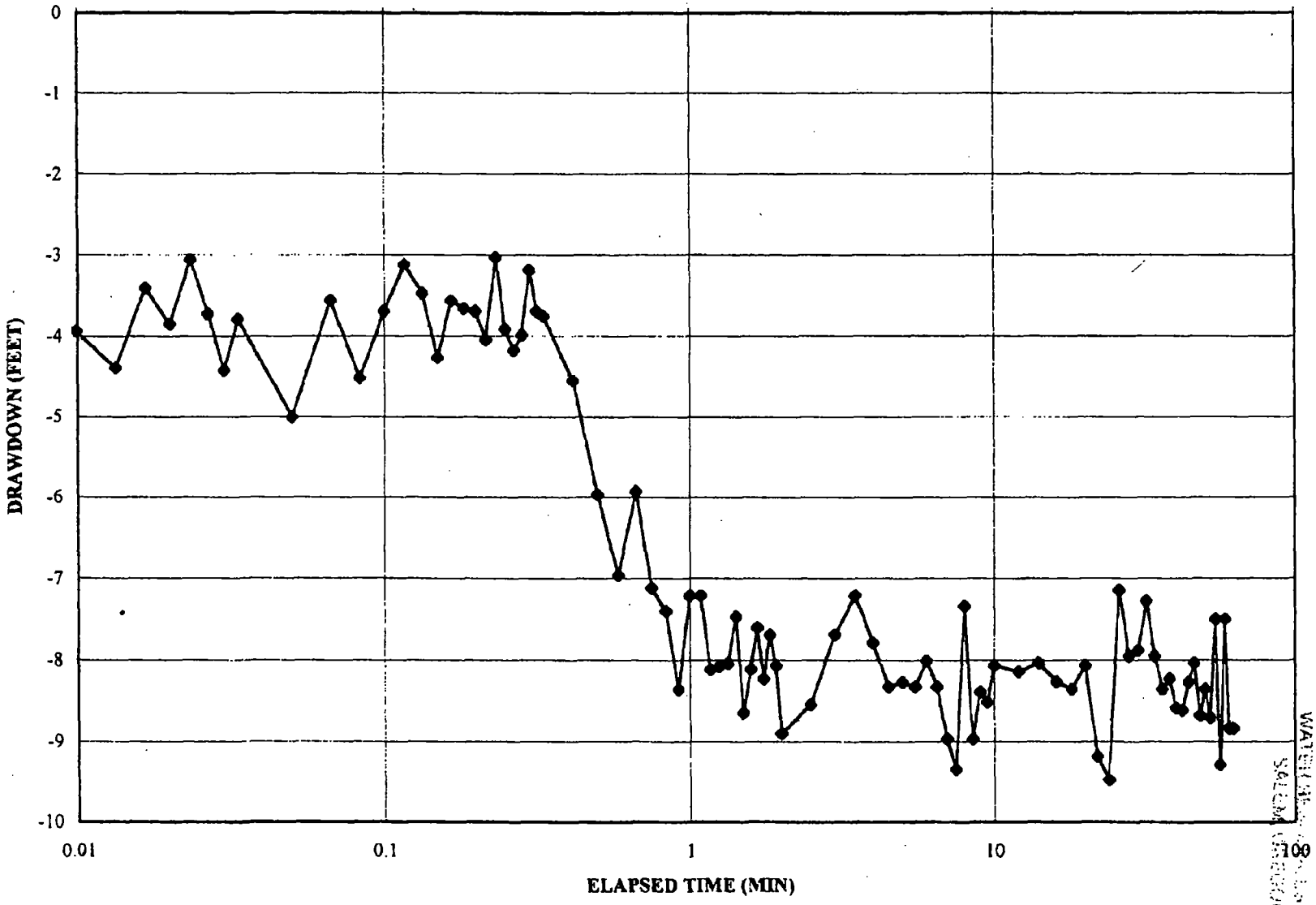


CH2M Hill for Port of Portland

Rivergate T-5 Well # L01695

5/20/96 Step 2 - 2025 GPM

By SCHNEIDER DRILLING CO.

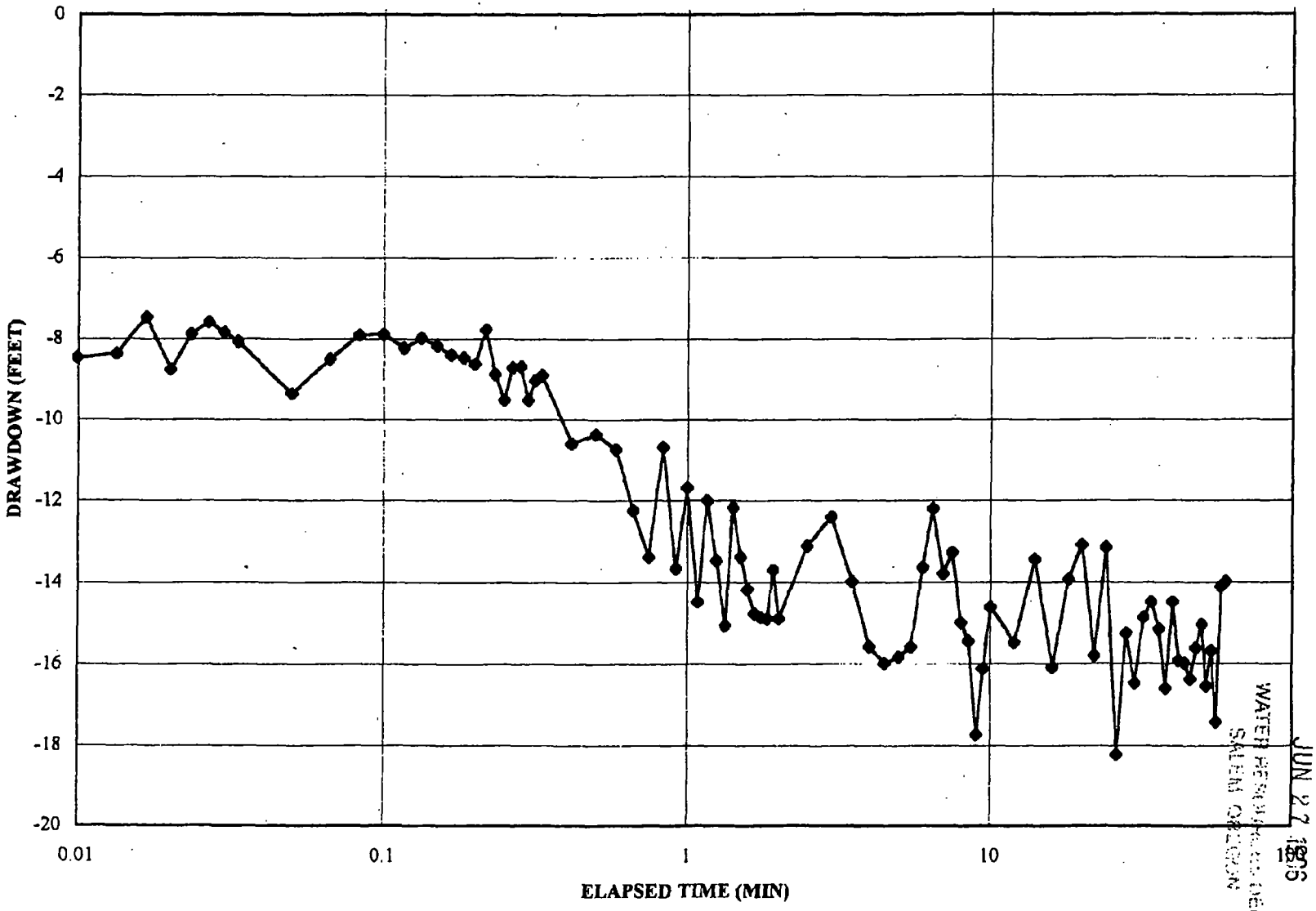


CH2M Hill for Port of Portland

5/20/96 Step 3 - 3080 GPM

Rivergate T-5 Well # L01695

By SCHNEIDER DRILLING CO.

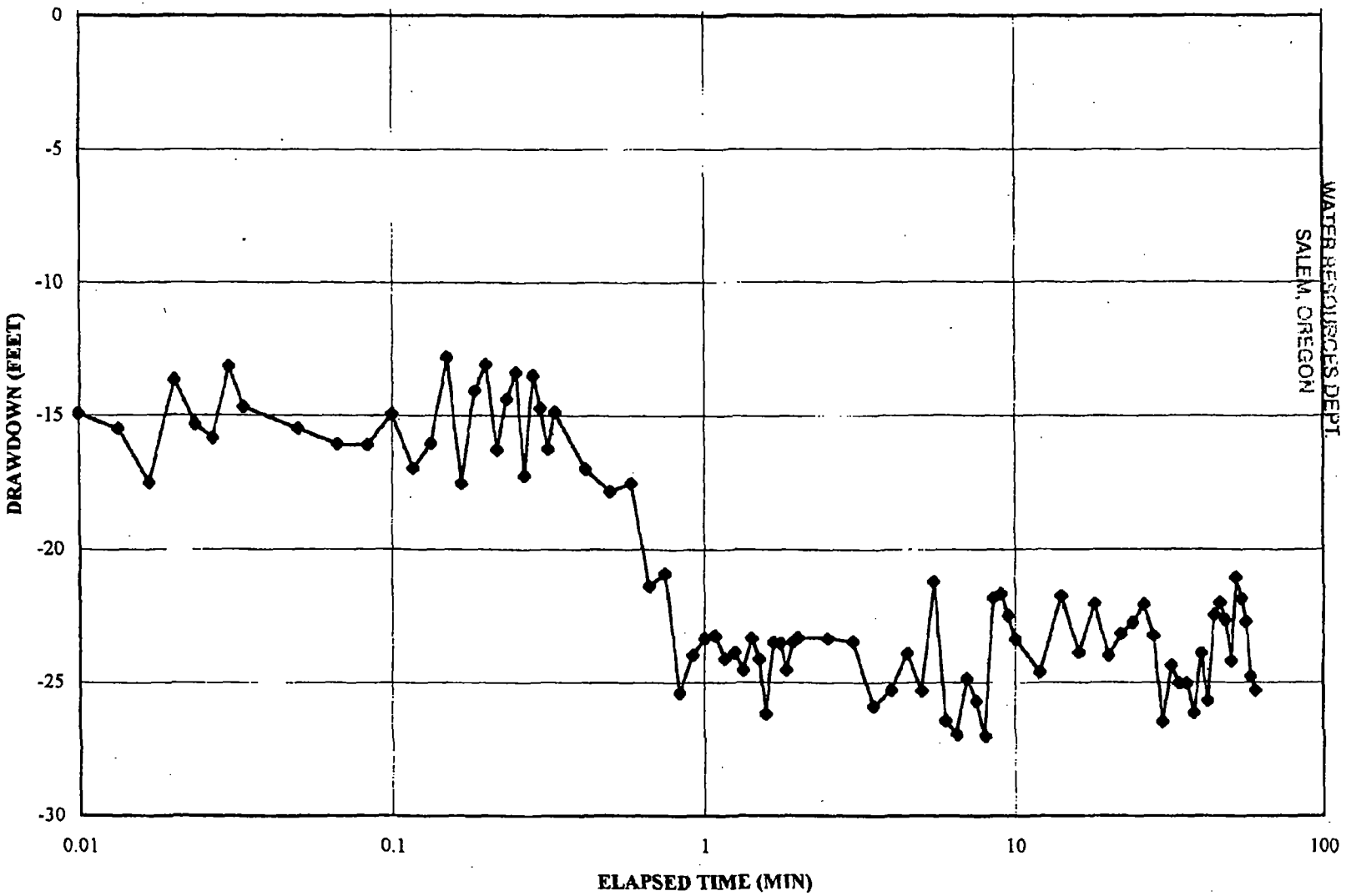


CH2M Hill for Port of Portland

Rivergate T-5 Well # L01695

5/20/96 Step 4 - 4180 GPM

By SCHNEIDER DRILLING CO.

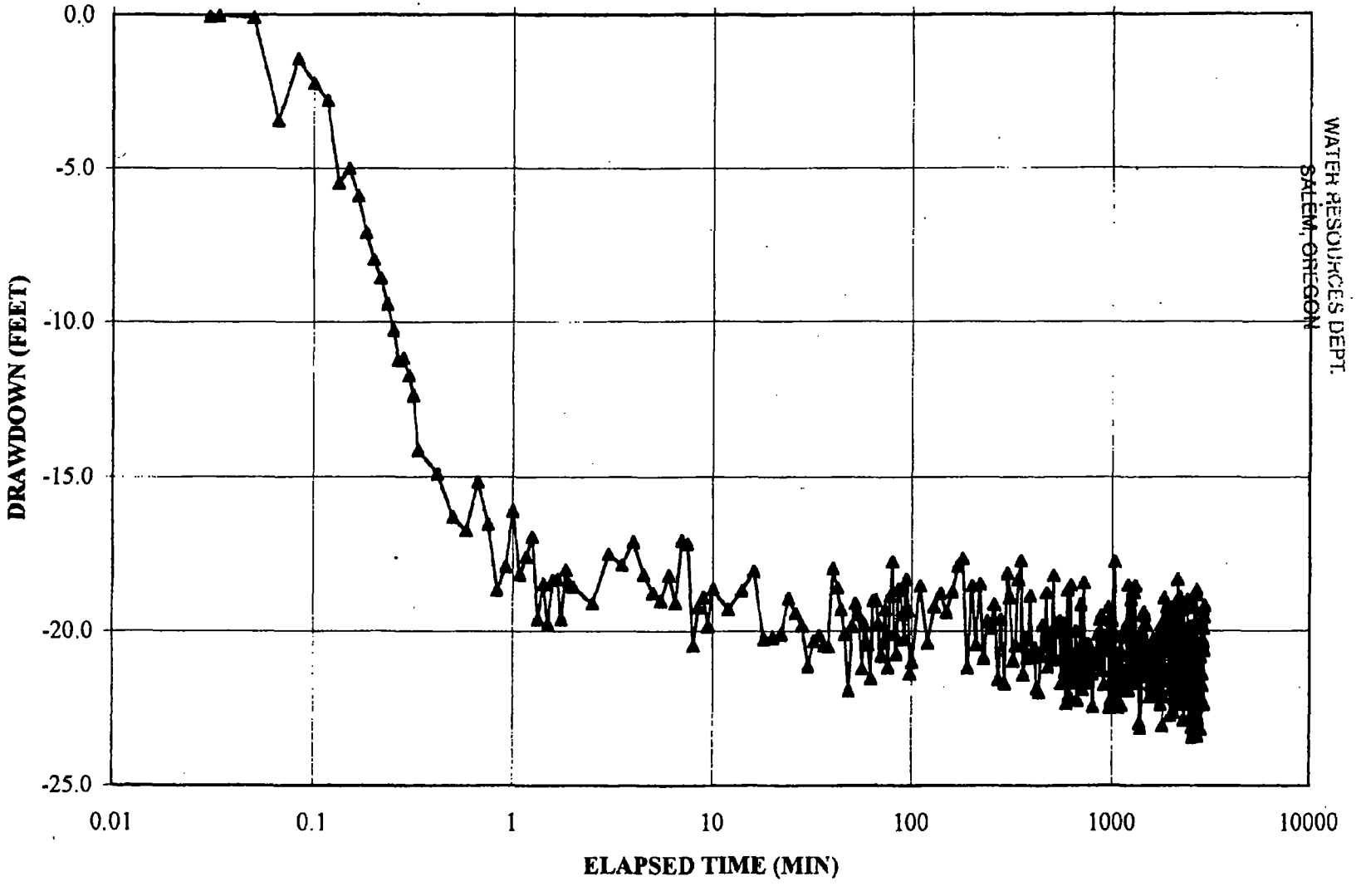


CH2M Hill for Port of Portland

5/21-23/96 Constant Rate Test - 3600 GPM

Rivergate T-5 Well # L01695

By SCHNEIDER DRILLING CO.



CH2M Hill for Port of Portland

5/23 -28/96 Constant Rate Recovery

Rivergate T-5 Well # L01695

By SCHNEIDER DRILLING CO.